

777.324US1



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APRIL 15, 2000

PTAS
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P
BRADLEY A. FORREST
PO BOX 2938
MINNEAPOLIS, MN 55402



101264742A

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/19/2000

REEL/FRAME: 010532/0238
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
PETCULESCU, CRISTIAN

DOC DATE: 01/10/2000

ASSIGNOR:
NETZ, AMIR

DOC DATE: 01/10/2000

ASSIGNEE:
MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

SERIAL NUMBER: 09419427
PATENT NUMBER:

FILING DATE: 10/15/1999
ISSUE DATE:

SEDLEY PYNE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Schwegman, Lundberg,
Woessner & Kluth, P.A.

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Atty Ref/Docket No.: 777.324US1



To the Honorable Commissioner of Patents and Trademark

101264742

Copy thereof.

1. Name of conveying party(ies):

Cristian Petculescu and Amir Netz

2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Street Address: One Microsoft Way

City: Redmond State: WA ZIP: 98052

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Additional name(s) & address(es) attached? [] Yes [X] No

Execution Date: January 10, 2000, January 10, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 09/419,427, filed October 15, 1999

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Bradley A. Forrest

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743

02/10/2000 DC00TES 00000051 09419427

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bradley A. Forrest/Reg. No. 30.837

Name of Person Signing

Signature

1-12-2000

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

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ASSIGNMENT

WHEREAS, we, Cristian Petculescu and Amir Netz (hereinafter referred to as ASSIGNORS), having post office addresses of 8500 148th NE, Apt. P2048, Redmond, WA 98052 and 16607 NE 32nd St., Bellevue, WA 98008 respectively, are the joint inventors of an invention entitled "EXTENSIONS FOR ADDING AND REMOVING CALCULATED MEMBERS IN A MULTIDIMENSIONAL DATABASE", as described and claimed in the specification forming part of an application for United States letters patent filed October 15, 1999 and assigned serial number 09/419,427;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of January, ²⁰⁰⁰~~1999~~.

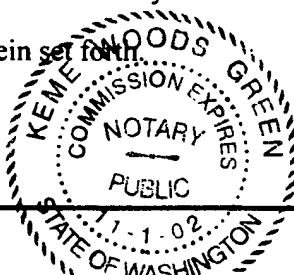
Petculescu
Cristian Petculescu

STATE OF Washington
)ss.

COUNTY OF King

On this 10 day of January, ²⁰⁰⁰~~1999~~ before me personally appeared Cristian Petculescu to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Keme Woods Green
Notary Public

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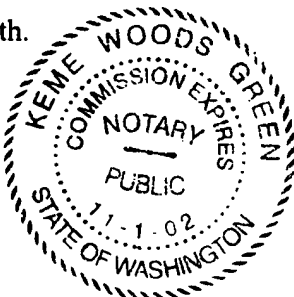
Amir Netz

STATE OF Washington
)ss.

COUNTY OF King

On this 10 day of January, ²⁰⁰⁰~~1999~~ before me personally appeared Amir Netz to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Keme Woods Green
Notary Public

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Woessner & Kluth, P.A.

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02-10-2000



Atty Ref/Docket No.: 777.324US1

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[] Security Agreement [] Change of Name
[] Other

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- [X] Enclosed
[] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743

02/10/2000 DCOATES 00000051 09419427

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Bradley A. Forrest/Reg. No. 30,837

Name of Person Signing

Signature

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

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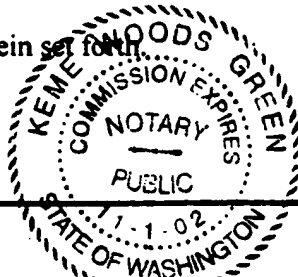
Petculescu
Cristian Petculescu

STATE OF Washington
)ss.

COUNTY OF King

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[SEAL]



Keme Woods Green
Notary Public

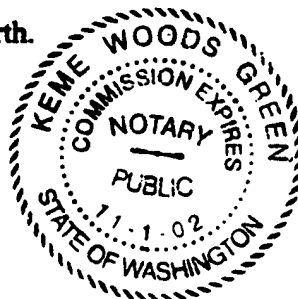
IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of 1, ~~1999~~ ²⁰⁰⁰.

STATE OF Washington
)ss.
COUNTY OF King

Amir Netz
Amir Netz

On this 10 day of January, ~~1999~~ ²⁰⁰⁰ before me personally appeared Amir Netz to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Keme Woods Green
Notary Public

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PATENT AND TRADEMARK OFFICE**

Paper: Executed Power of Attorney w/Revocation

Applicant(s): Microsoft

Serial No.: 09/419,427

Filed: 10/15/99

Docket No.: MSFT-0535

Date Hand Delivered to USPTO:
SJR/LHO/jjiulianti

Received
MAY 22 2001
Technology Center 2100